

ABSTRACT

5 A ventilator for supplying breathable gas to the airway of a patient with a
respiratory disorder is provided herein an, in one embodiment, includes a gas flow
generator for generating a flow of said breathable gas to the patient, said gas flow
generator comprising a gas flow generator chamber provided with a gas inlet opening
and a gas outlet opening; a control valve for controlling the flow and/or pressure of
the gas distributed to the patient, said control valve comprising a valve body which is
rotatably arranged about a rotational axis within a valve chamber. The valve body
10 essentially exhibits the shape of a sector of a circle, in such a way that an arced first
flow regulatory surface is formed along the circular arc of said sector, and that
second and third essentially straight flow regulatory surfaces, respectively, are
formed along the two diverging sides of said sector.

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